

ABSTRACT**COMPUTER SYSTEM HAVING DRIVE TEMPERATURE SELF-ADJUSTMENT
FOR TEMPERATURE-SENSITIVE MEASUREMENTS**

A computer system that adjusts an internal temperature of a hard disk drive (HDD) during HDD testing. An HDD test program under the control of the computer system is performed within a pre-determined optimal test temperature range. The HDD is kept within this pre-determined test temperature range by the computer system switching HDD operation modes back and forth between a higher heat generating Rapid Seek Mode and a lower heat generating IDLE mode. The HDD is thus kept within the optimal test temperature range without the use of external heating and/or cooling devices.